

Adventures in Aeronautics			
1997 Mathematics			
Learning Standards			
Illinois Mathematics			
Grades K-3			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	IL	MA.K-3.6.A.1a	Identify whole numbers and compare them using the symbols $<$, $>$, or $=$ and the words "less than", "greater than", or "equal to", applying counting, grouping and place value concepts.
Adventures in Aeronautics	IL	MA.K-3.6.B.1	Solve one- and two-step problems with whole numbers using addition, subtraction, multiplication and division.
Adventures in Aeronautics	IL	MA.K-3.6.D.1	Solve problems using comparison of quantities, ratios, proportions and percents. Compare the numbers of objects in groups.
Adventures in Aeronautics	IL	MA.K-3.7.A.1a	Measure length, volume and weight/mass using rulers, scales and other appropriate measuring instruments in the customary and metric systems.
Adventures in Aeronautics	IL	MA.K-3.7.A.1b	Measure units of time using appropriate instruments (e.g., calendars, clocks, watches—both analog and digital).
Adventures in Aeronautics	IL	MA.K-3.8.C.1	Describe the basic arithmetic operations (addition, subtraction, multiplication, division) orally, in writing and using concrete materials and drawings.
Adventures in Aeronautics	IL	MA.K-3.8.D.1	Find the unknown numbers in whole-number addition, subtraction, multiplication and division situations.
Adventures in Aeronautics			
1997 Mathematics			
Learning Standards			
Illinois Mathematics			
Grades 4-5			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	IL	MA.4-5.6.A.2	Compare and order whole numbers, fractions and decimals using concrete materials, drawings and mathematical symbols.
Adventures in Aeronautics	IL	MA.4-5.6.B.2	Solve one- and two-step problems involving whole numbers, fractions and decimals using addition, subtraction, multiplication and division.
Adventures in Aeronautics	IL	MA.4-5.7.A.2a	Calculate, compare and convert length, perimeter, area, weight/mass and volume within the customary and metric systems.